

COPIES OF PAPERS  
ORIGINALLY FILED



UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

MAY 31 2002

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/054,692	12/19/2001	Trung T. Doan	500300.02

CONFIRMATION NO. 8574

FORMALITIES LETTER



\*OC00000007644887\*

Paul F. Rusyn  
Dorsey & Whitney LLP  
1420 Fifth Avenue, Suite 3400  
Seattle, WA 98101-4010

Repln. Ref: 07/12/2002 SDIRETA1 0007234200  
DAH:501266 Name/Number:10054692  
FC: 704 \$84.00 CR

Date Mailed: 03/15/2002

NOTICE TO FILE MISSING PARTS OF REISSUE APPLICATION

Filing Date Granted

An application number and filing date have been accorded to this reissue application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.  
*Applicant must submit \$ 740 to complete the basic filing fee for a non-small entity. If appropriate, applicant may make a written assertion of entitlement to small entity status and pay the small entity filing fee (37 CFR 1.27).*
- Total additional claim fee(s) for this application is ~~\$762~~ **\$666. -**
  - ~~\$414~~ **\$168** for ~~23~~ **2** independent claims over 20.
- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$1632. \$1,536**
- Consent of assignee is missing. 37 CFR 1.172 requires that a reissue oath/declaration be accompanied by the written consent of all assignees.

07/12/2002 SDIRETA1 00000006 10054692

01 FC:109 168.00 DP

A copy of this notice **MUST** be returned with the fee.

06/03/2002 MBERHE 00000064 10054692

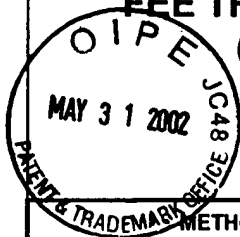
Customer Service Center  
Initial Patent Examination Division (703) 308-1202

01 FC:108  
02 FC:105  
03 FC:110  
04 FC:109

740.00 DP  
130.00 DP  
414.00 DP  
252.00 DP

PART 2 - COPY TO BE RETURNED WITH RESPONSE

# FEE TRANSMITTAL SHEET (FOR FY 2002)



Complete if Known	
Application No.	10/054,692
Filing Date	December 19, 2001
First Named Inventor	Trung T. Doan
Group Art Unit	3725
Examiner	not yet assigned
Atty. Docket Number	500300.02

## METHOD OF PAYMENT (Check One)

1. ☒ The Commissioner is hereby authorized to charge any additional fee required under 37 C.F.R. §§ 1.16 and 1.17 and 1.136(a)(3) and credit any over payments to Deposit Account No.: 50-1266; Deposit Account Name: DORSEY & WHITNEY LLP

2. ☒ Check Enclosed

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
101	740	201	370	<input type="checkbox"/> Utility Filing Fee	
106	330	206	165	<input type="checkbox"/> Design Filing Fee	
108	740	208	370	<input checked="" type="checkbox"/> Reissue Filing Fee	
114	160	214	80	<input type="checkbox"/> Provisional Filing Fee	
Subtotal (1)					\$ 740

### 2. EXTRA CLAIM FEES

Current Claims	Prior	Extra	Fee	Fee Paid
Total	53	- 30 = 23	x \$ 18 =	\$ 414
Ind.	6	- 3 = 3	x \$ 84 =	\$ 252
Multiple Dependent Claims				\$
Subtotal (2)				\$ 666

Large Entity		Small Entity		Fee Description	Fee paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
103	18	203	9	Claims in excess of 20	
102	84	202	42	Independent claims in excess of 3	
104	280	204	140	Multiple dependent Claim	
109	84	209	42	Reissue independent claims over original patent	
110	18	210	9	Reissue claims in excess of 20 and over original patent	

## FEE CALCULATION (Continued)

### 3. ADDITIONAL FEES

Large Entity		Small Entity		Fee Description	Fee paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
105	130	205	65	Surcharge - Late filing fee or oath	\$ 130
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	\$
139	130	139	130	Non-English specification	\$
147	2,520	147	2,520	For Filing a Request for Reexamination	\$
195	300	196	300	Publication (early or Republication)	\$
115	110	215	55	Extension for reply within first month	\$
116	400	216	200	Extension for reply within 2 <sup>nd</sup> month	\$
117	920	217	460	Extension for reply within 3 <sup>rd</sup> month	\$
118	1,440	218	720	Extension for reply within 4 <sup>th</sup> month	\$
128	1,960	280	980	Extension for reply within 5 <sup>th</sup> month	\$
120	320	220	160	Filing a brief in support of an appeal	\$
121	280	270	140	Request for oral hearing	\$
148	110	248	55	Terminal Disclaimer Fee	\$
140	110	240	55	Petition to revive - unavoidable	\$
141	1,280	241	640	Petition to revive - unintentional	\$
142	1,280	242	640	Utility/Reissue issue fee (+ advance copies)	\$
143	460	243	230	Design issue fee (+ advance copies)	\$
122	130	122	130	Petitions to the Commissioner	\$
123	50	123	50	Petitions related to provisional applications	\$
126	180	126	180	Submission of IDS	\$
581	40	81	40	Recording each patent assignment per property (times number of properties)	\$
179	740	279	370	Request for Continued Examination (RCE)	\$
Other fee (specify)					\$
Subtotal (3)					\$ 130

Total Amount of Payment: \$ 1,536

Submitted by:

Name: Paul F. Busyn

Reg. No.: 42,118

Telephone: (206) 903-8800

Signature:

Date:



PATENT

I hereby certify that on the date specified below, this correspondence is being deposited with the United States Postal Service as first-class mail in an envelope addressed to Box Missing Parts, Commissioner of Patents, Washington, DC 20231.

Date

Mary G. Painter

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants : Trung T. Doan and  
Gurtej S. Sandhu

Attorney Docket No. : 500300.02

Serial No. : 10/054,692

Group Art Unit : 3725

Filed : December 19, 2001

Examiner : not yet assigned

Title : POLISHING PAD REFURBISHER FOR IN SITU, REAL-TIME CONDITIONING  
AND CLEANING OF A POLISHING PAD USED IN CHEMICAL-MECHANICAL  
POLISHING OF MICROELECTRONIC SUBSTRATES

**GENERAL AUTHORIZATION UNDER 37 C.F.R. § 1.136(a)(3)**

Box Missing Parts  
Commissioner of Patents  
Washington, D.C. 20231

Sir:

With respect to the above-identified application, the Commissioner is authorized to treat any concurrent or future reply requiring a petition for an extension of time under 37 C.F.R. § 1.136(a)(3) for its timely submission as incorporating a petition therefor for the appropriate length of time. The Commissioner is also authorized to charge any fees which may be required, or credit any overpayment, to Deposit Account No. 50-1266.

Respectfully submitted,

DORSEY & WHITNEY LLP

Paul F. Rusyn

Registration No. 42,118

PFR:mp

1420 Fifth Avenue, Suite 3400  
Seattle, Washington 98101-4010  
Tel: (206) 903-8800  
Fax: (206) 903-8820



COPY OF PAPERS  
ORIGINALLY FILED

PATENT

I hereby certify that on the date specified below, this correspondence is being deposited with the United States Postal Service as first-class mail in an envelope addressed to Box Missing Parts, Commissioner of Patents, Washington, DC 20231.

*up*  
May 14, 2002 Mary G. Painter  
Date Mary G. Painter

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants : Trung T. Doan and Gurtej S. Sandhu Attorney Docket No. : 500300.02  
Serial No. : 10/054,692 Group Art Unit : 3725  
Filed : December 19, 2001 Examiner : not yet assigned  
Title : POLISHING PAD REFURBISHER FOR IN SITU, REAL-TIME CONDITIONING AND CLEANING OF A POLISHING PAD USED IN CHEMICAL-MECHANICAL POLISHING OF MICROELECTRONIC SUBSTRATES

**RESPONSE TO NOTICE TO FILE MISSING PARTS OF REISSUE APPLICATION**

Box Missing Parts  
Commissioner of Patents  
Washington, D.C. 20231

Sir:

In response to the Notice to File Missing Parts dated March 15, 2002, please find enclosed the following fully executed documents:

Fee Transmittal Sheet;  
General Authorization;  
Copy of Notice to File Missing Parts of Reissue Application;  
Copy of Response to Notice to File Missing Parts of Reissue Application;

Reissue Declaration;

Offer to Surrender the Original Patent (with original patent);

Assent of Assignee; and

Certificate under 37 C.F.R. § 3.73(b).

Also enclosed is an Information Disclosure Statement along with Form PTO-1449.

The fees have been calculated as follows:

REISSUE APPLICATION FEE DETERMINATION RECORD									
Claims as Filed - Part I									
				SMALL ENTITY		OR	OTHER THAN A SMALL ENTITY		
Claims in Patent	FOR	Number Filed in Reissue Application	(3) Number Extra	RATE	FEE		RATE	FEE	
(A) 30	Total Claims (37 CFR 1.16(j))	(B) 53	**** 23	x 9	\$		x 18	\$ 414	
(C) 3	Independent Claims (37 CFR 1.16(i))	(D) 6	* 3	x 42	\$		x 84	\$ 252	
Basic Filing Fee (37 CFR 1.16(h))				+ 370	\$		+ 740	\$ 740	
Claims as Amended - Part 2									
		(1) Claims Remaining After Amendment	(2) Highest Number Previously Paid For	(3) Extra Claims Presented	SMALL ENTITY		OR	OTHER THAN A SMALL ENTITY	
					RATE	FEE		RATE	FEE
Total Claims (37 CFR 1.16(j))	*** 53	MINUS	30	** 23	x 9	\$		x 18	\$ 414
Indep. (37 CFR 1.16(i))	*** 6	MINUS	3	***** 3	x 42	\$		x 84	\$ 252
ADDITIONAL CLAIM FEE (37 CFR 1.16(i)(j))					\$			\$ 666	
FILING FEE FROM PART I (37 CFR 1.16(h))					\$			+ \$ 740	
MISSING PARTS SURCHARGE (37 CFR 1.16(e))					\$			+ \$ 130	
<b>TOTAL REISSUE APPLICATION FEE</b>					<b>\$</b>			<b>= \$ 1,536</b>	

\* If the entry in (D) is less than the entry in (C), write "0" in column 3.

\*\* If the "Highest Number of Total Claims Previously Paid For" is less than 20, write "20" in this space.

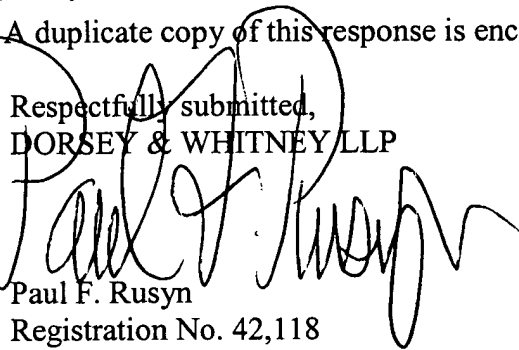
\*\*\* After any cancellation of claims.

\*\*\*\* If "A" is greater than 20, use (B-A); if "A" is 20 or less, use (B-20).

\*\*\*\*\* "Highest Number of Independent Claims Previously Paid For" or Number of Independent Claims in Patent (C).

Enclosed is a check in the amount of **\$1,536** for the requisite fees. The Commissioner is hereby authorized to charge any additional filing fees or to credit any overpayment to Deposit Account No. 50-1266. A duplicate copy of this response is enclosed.

Respectfully submitted,  
DORSEY & WHITNEY LLP

  
Paul F. Rusyn  
Registration No. 42,118

PFR:mp

Enclosures:

- Postcard
- Check
- Fee Transmittal Sheet (+ copy)
- General Authorization Under 37 C.F.R. § 1.136(a)(3)
- Copy of Notice to File Missing Parts
- Copy of this Response
- Reissue Declaration
- Offer to Surrender the Original Patent (with Original Patent)
- Assent of Assignee
- Certificate under 37 C.F.R. § 3.73(b)
- Information Disclosure Statement
- Form PTO-1449

1420 Fifth Avenue, Suite 3400  
Seattle, WA 98101  
Tel: (206) 903-8800  
Fax: (206) 903-8820

h:\ip\documents\clients\micron technology\300\500300.02\500300.02 mp resp.doc



COPY OF PAPERS  
ORIGINALLY FILED

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Reissue Patent Application:

Applicants : Trung T. Doan and Gurtej S. Sandhu  
Assignee: : Micron Technology, Inc.  
Filed : December 19, 2001  
For : POLISHING PAD REFURBISHER FOR IN SITU, REAL-TIME  
CONDITIONING AND CLEANING OF A POLISHING PAD USED  
IN CHEMICAL-MECHANICAL POLISHING OF  
MICROELECTRONIC SUBSTRATES  
Docket No. : 500300.02

Corresponding Issued U.S. Patent:

Patent No. : 6,004,196  
Issued : December 21, 1999  
Application No. : 09/032,230  
Filing Date : February 27, 1998  
Examiner : William Hong  
Art Unit : 3725

BOX REISSUE  
Commissioner for Patents  
Washington, DC 20231

OFFER TO SURRENDER THE ORIGINAL PATENT

Sir:

Michael L. Lynch, Chief Patent Counsel of the Assignee of the entire interest in U.S. Letters Patent No. 6,004,196 which is entitled POLISHING PAD REFURBISHER FOR IN SITU, REAL-TIME CONDITIONING AND CLEANING OF A POLISHING PAD USED IN CHEMICAL-MECHANICAL POLISHING OF MICROELECTRONIC SUBSTRATES and

issued on December 21, 1999, to Micron Technology, Inc., hereby offers to surrender said Letters Patent.

Micron Technology, Inc.

\_\_\_\_\_  
Date

By: \_\_\_\_\_

  
Roderic W. Lewis  
Vice President, Legal, General Counsel  
and Corporate Secretary

H:\IP\Documents\Clients\Micron Technology\300\500300.02\500300.02 Offer to surrender.doc